Neuromodulation of the dorsal root ganglion in experimental chronic neuropathic pain

Stellingen behorende bij het proefschrift:

Neuromodulation of the Dorsal Root Ganglion in Experimental Chronic Neuropathic Pain:

Efficacy and Mechanisms of Action

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1. Both the morphology and anatomical location of the dorsal root ganglion (DRG) makes it an excellent target for neuromodulation in chronic neuropathic pain. -*This thesis, Chapters 1 and 2*

2. Conventional dorsal root ganglion stimulation (Con-DRGS) and Burst-DRGS are equally effective in attenuating mechanical hypersensitivity in an animal model of painful diabetic peripheral neuropathy (PDPN). -*This thesis, Chapter 3*

3. The unique characteristics of Burst-DRGS and the analgesic effects as noted in an animal model of PDPN are likely to have important implications for the longevity of the IPG in clinical practice. -*This thesis, Chapter 4*

4. The analgesic mechanism of action of Con-DRGS is unlikely to rely on modulation of local GABAergic signaling at the site of the DRG. -*This thesis, Chapter 5*

5. The mechanism of action underlying pulsed radiofrequency treatment adjacent to the DRG in chronic neuropathic pain must differ from that of DRGS. -*This thesis, Chapters 6 and 7*

6. The cure for pain is in the pain. -*Jalal ad-Din Rumi, Persian Poet*

7. I can bear any pain as long as it has meaning. - *Haruki Murakami, Japanese writer*

8. If you want to assert a truth, first make sure it's not just an opinion that you desperately want to be true. - *Neil deGrasse Tyson, American astrophysicist*

9. Research never quite works out as you expect it to, that is one of the principle beauties of science. -*David Bowie as Nicolas Tesla in the movie ''The Prestige''*

10. Eppur si muove (and yet it moves). -*Galileo Galilei, Italian astronomer*